

Amendments To the Claims:

Please amend the claims as shown.

1. (currently amended) A method for transmitting data in a switchable data network, comprising:
assigning priorities to data telegrams having a beginning and an end; and
sending the data telegrams assigned a first priority during a first phase of a transmission cycle from first users to second users wherein, ~~for telegrams assigned a first priority,~~
~~transmission during~~ the first phase is characterized by an end time based on a defined receive time of the end of ~~the respective a data telegram~~ telegrams having the first priority at one of the second users.
2. (previously presented) A method according to Claim 1, wherein only data telegrams assigned a second priority are sent in a second phase after the end of the first phase.
3. (previously presented) A method according to Claim 1, wherein the first phase is followed by a second phase and data telegrams assigned any priority are sent in a third phase after an end of the second phase.
4. (currently amended) A method according to Claim 1, wherein the transmission cycle is cyclically repeated with the first phase ~~is cyclically repeated in each transmission cycle~~ having an end time based on a defined receive time of the end of a data telegram by a second user.
5. (previously presented) A method according to Claim 1, wherein data telegrams with realtime data are assigned the first priority.

6. (previously presented) A system for transmitting data in a switchable data network, comprising users having mechanisms for sending, receiving, and/or forwarding data telegrams, wherein the telegrams each have a beginning and an end and wherein the telegrams are assigned priorities, wherein telegrams assigned a first priority are sent from first users to second users during a first phase with the first phase being characterized by an end based on a pre-defined receive time of the end of each sent data telegram at one of the second users.

7. (previously presented) A system according to Claim 6, wherein the first users are provided with a second phase after the end of the first phase for exclusively sending data telegrams assigned a second priority to the second users.

8. (previously presented) A system according to Claim 6, wherein a second phase follows the first phase and the first users are provided with a third phase after an end of the second phase for sending data telegrams assigned any priority to the second users.

9. (previously presented) A system according to Claim 6, wherein the system for transmitting realtime data is provided in the switchable data network, with the realtime data being assigned the first priority.

10. (previously presented) A switchable data network comprising mechanisms for sending, receiving, and/or forwarding data telegrams during cyclical transmission intervals, wherein the telegrams have a beginning and an end and wherein the telegrams are assigned priorities, wherein a first usable portion of a transmission interval in the network is used during a first phase for sending data telegrams assigned a first priority from a first user to one or more second users, with the first phase having an end based on a pre-defined receive time for receipt of the end of a data telegram assigned the first priority at one of the second users.

11. (previously presented) A method according to Claim 2, wherein data telegrams assigned any priority are sent in a third phase after the end of the second phase.

12. (previously presented) A method according to Claim 2, wherein the first phase is cyclically repeated.

13. (previously presented) A method according to Claim 3, wherein the first phase is cyclically repeated.

14. (previously presented) A method according to Claim 2, wherein data telegrams with realtime data are assigned the first priority.

15. (previously presented) A method according to Claim 3, wherein data telegrams with realtime data are assigned the first priority.

16. (previously presented) A method according to Claim 4, wherein data telegrams with realtime data are assigned the first priority.

17. (previously presented) A system according to Claim 7, wherein the first users are provided during a third phase after the end of the second phase for sending data telegrams assigned any priority to the second users.

18. (previously presented) A system according to Claim 7, wherein the system for transmitting realtime data is provided in the switchable data network, with the realtime data being assigned the first priority.

19. (new) The method of claim 1 wherein the end time of the first phase is based on the length of the data telegram.

20. (new) The method of claim 19 wherein for at least one cycle the end time of the first phase for each user is also based on routing time to each user receiving a data telegram of the first priority so that the end time of the first phase in the at least one cycle differs among users receiving data telegrams based on routing times.